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TITLE: ABSORBENT LIQUID FOR ABSORPTION REFRIGERATING MACHINE

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ABSTRACT:

PURPOSE: To inhibit the corrosion of metallic material in an absorption refrigerating machine by compounding an additive component which comprises a plurality of specific compds. and has a high corrosion-inhibiting capability into an absorbent liq. comprising an aq. soln. contg. a lithium halide.

CONSTITUTION: An absorbent liq. which is used for an absorption refrigerating machine and comprises an aq. soln. contg. a lithium halide (e.g. lithium bromide) having a strong corrosive action to metallic materials is compounded with 0.05-0.5wt.% alkali hydroxide (e.g. lithium hydroxide), 0.005-0.1wt.% cobalt compd. (e.g. cobalt chloride), and 0.005-0.1wt.%

antimony
compd. (e.g. antimony trioxide) as corrosion-inhibiting additives.
As the
additives have a high corrosion inhibiting capability, the absorbent
liq.
becomes capable of inhibiting the corrosion of metallic materials in
the
absorption refrigerating machine.

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